Sheet 1 of 2

U.S. Department of Commerce, Patent and Trademark Atty. Docket No.							Application	on No.			
INFORMA	ATION I	DISCLOSURE STAT	TEMENT BY	DICO.049US0		<u></u>	10/773,94	3			
OIP		APPLICANT		Applicant(s)			Conf. No.				
	se sev	eral sheets if necessa	ıry)	Ho-Shang Lee et al.			7975				
MAR 2 1 2005	8			Filing Date			Group				
·			February 6, 2004			2826					
MADEMAHROR			U.S. F	Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing I				
Y.	1	5,008,718	4/16/1991	Fletcher et al.				<u> </u>			
	2	5,779,924	7/14/1998	Krames et al.							
1	3	5,955,749	9/21/1999	Joannopoulos et al.							
Me	4	6,323,063	11/27/2001	Krames et al.							
4/1/-	5	6,580,096	6/17/2003	Chen et al.							
								•			
		·									
					-						
		U.	S. Published Pa	tent Application Docu	ments						
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate				
11/2	6.	US2003/0141507	7/31/2003	Krames et al.							
1						•					
	<u></u>		Foreign	Patent Documents			<u>.</u>				
		· · · · · · · · · · · · · · · · · · ·					Tran	slation			
		Document	Date	Country	Class	Subclass	Yes	No			
		OTHER AR	Γ (Including Au	thor, Title, Date, Perti	nent Pages, E	Etc.)					
W.	7	C. Rooman et al. "High-efficiency 650 nm thin-film light-emitting diodes," Proceedings of SPIE (2001), vol. 4278, pp. 36-40.									
The.	8	J.R. Wendt et al., "Nanofabrication of photonic lattice structures in GaAs/AlGaAs," J. Vac. Sci. Technol. B 11(6), (Nov/Dec 1993), pp. 2637-2640.									
The	9	M. Boroditsky et al., Applied Physics Lett	"Light extraction ters, American Ins	from optically pumped lig titute of Physics (1999), vo	ht-emitting diod ol. 75, no. 8, pp.	de by thin-slab p 1036-1038.	hotonic crysta	ls,"			
Examiner	<u>J.</u>	MONDTHE	Date Considere	d 07/2	1/05						
EVAMINED.	T= 242 - 1 2	if reference considere	•		,, - ,		-				

U.S. Depar	rtment of	Commerce, Patent	and Trademark	Atty. Docket No.	Application No.							
INFORMATION DISCLOSURE STATEMENT BY				DICO.049US0	10/773,943							
		APPLICANT		Applicant(s)	Conf. No.							
	(Use sev	eral sheets if necess	ary)	Ho-Shang Lee et al.			7975					
				Filing Date	Group							
				February 6, 2004	February 6, 2004							
			U.S. Pa	itent Documents								
*Examiner		Document	Data	N	Class	Culturalism	Filing Date					
Initial	+	Number	Date	Name	Class	Subclass	II Approp	If Appropriate				
	+	 	-	·			-	-				
	+					·						
	٠	<u> </u>	I.S. Published Pat	ent Application Docur	ments	<u> </u>						
*Examiner	T	Document	T T T	ent approach been	ПСПС		Filing D	Tate				
Initial		Number	Date	Name	Class	Subclass	If Appropriate					
							†					
	1											
			Foreign F	Patent Documents								
		•					Translation					
	T	Document	Date	Country	Class	Subclass	Yes	No				
								1.				
							-	 				
							· .	 				
	.1	OTHER AR	T (Including Aut	hor, Title, Date, Pertir	ent Pages, I	Etc.)	<u></u>					
The	OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) 10 T.N. Oder et al., "III-nitride blue and ultraviolet photonic crystal light emitting diodes," Applied Physics Letters, American Institute of Physics (2004), vol. 84, no. 4, pp. 466-468.											
W.	11	H. Ichikawa et al., "Efficiency enhancement in a light-emitting diode with a two-dimensional surface grating photonic crystal," Applied Physics Letters, American Institute of Physics (2004), vol. 84, no. 4, pp. 457-459.										
W.	12	Han-Youl Ryu et al., "Enhancement of Light Extraction From Two-Dimensional Photonic Crystal Slab Structures," IEEE Journal On Selected Topics In Quantum Electronics, vol. 8, no. 2, (March/April 2002), pp. 231-237.										
W.	13	Alexei A. Erchak et al., "Enhanced Extraction from a Light-Emitting Diode Modified by a Photonic Crystal and Lasing Action," National Science Foundation - #DMR-9808941, (February 2003) pp. 43-45.										
Examiner	J. Mor	NDT	Date Considered	07/21/0	'5							
*EXAMINER: citation if not i	: Initial if in confort	f reference consider mance and not consi	ed, whether or not idered. Include co	citation is in conformat py of this form with you	nce with MPI ur communic	EP 609; Draw I ation to applica	ine through					